

ABSTRACT OF THE DISCLOSURE**METHODS AND COMPOSITIONS FOR DETECTING LARVAL *TAENIA SOLIUM***

Compositions and methods for the detection of *Taenia solium* and the diagnosis and treatment of *T. solium* infection are described. The nucleotide and amino acid sequences of the antigenic polypeptides TS-14, TS-18 and TSRS-1 are provided. The compositions contain antigenic polypeptides of larval origin. The polypeptides are useful as research tools for studying *T. solium* and as reagents in assays for the detection of *T. solium* antibodies in a biological sample. The methods are sensitive and specific assays that utilize the antigenic polypeptides or nucleic acid molecules encoding the larval polypeptides.